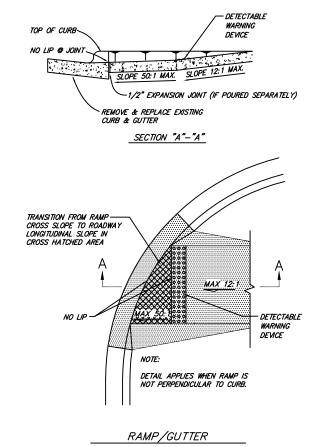
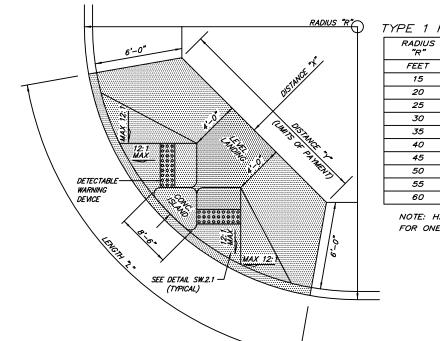
- 1. ALL CONCRETE SHALL BE CLASS "AA" 3500 psi., AIR-ENTRAINED, FIBER REINFORCED.
- 2. THE SUBGRADE FOR RAMP AND SIDEWALK CONSTRUCTION IS TO BE FIRM AND UNYIELDING SOIL, COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR.

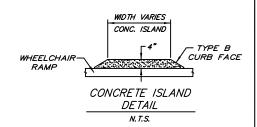
- 6. TYPE 6 RAMP SHALL BE USED ONLY IF EXISTING CONDITIONS PROHIBIT USE OF TYPES 1 THROUGH TYPE 5 RAMPS.
- 7. ADDITIONAL REMOVALS OUTSIDE THE LIMITS SHOWN MAY BE REQUIRED IN ORDER TO OBTAIN THE GRADE FOR RAMPS OR PROVIDE LANDING AREAS.
- 8. THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1. IF SITE CONSTRAINTS PREVENT THE CONSTRUCTION OF THE TYPES OF RAMPS SHOWN IN THE DETAILS, THEN AND ONLY THEN CAN THE 12:1 MAXIMUM SLOPE ON THE RAMP BE EXCEEDED TO PROVIDE ACCESS TO THE STREET LEVEL. THE SLOPE CAN BE STEEPENED TO A 10:1 MAXIMUM FOR A MAXIMUM LENGTH OF 5 FEET. SLOPES STEEPER THAN 8:1 ARE NOT ALL OWNER MAY CORP MAY CORP. NOT ALLOWED UNDER ANY CIRCUMSTANCES.
- 9. THE MINIMUM WIDTH OF THE RAMPS SHALL BE THE EXISTING WALK WIDTH
- 10. THE SURFACE TEXTURE OF ALL RAMPS SHALL BE BROOM FINISHED EXCEPT FOR AREAS WITH DETECTABLE WARNING DEVICE.
- 11. THE NORMAL GUTTER GRADE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
- 12. A SAW-CUT TO A MINIMUM DEPTH OF 2 INCHES SHALL BE MADE PRIOR TO REMOVAL OR CONCRETE, ASPHALT, STONE OR BRICK.
- 13. FOR RECONSTRUCTION PROJECTS, IF EXISTING CURB & GUTTER IS IN GOOD CONDITION, CURB SHALL BE SAWCUT AT GUTTER FLOWLINE AND REMOVED.
- 14. FOR PAYMENT PURPOSES, SIDEWALKS WITHIN THE RAMP AREA WILL BE MEASURED AND PAID FOR BY THE SQUARE YARD (SY) AS SIDEWALK AND BY EACH (EA) AS HANDICAP RAMP. TYPE 1 AND TYPE 2 RAMPS WILL COUNT AS 2 RAMPS EACH.





TYPE 1 RAMP DIMENSIONS AND QUANTITIES DISTANCE "Y" RAMP AREA FEET FEET FEET SQ. YD. 11.67 18.82 32.18 26.21 11.52 22.28 35.46 30.07 11.4.3 26.60 38.77 .3.3.80 11.37 30.26 40.93 36.90 11.33 33.51 43.11 39.77 11.30 36.45 45.26 42.45 11.27 39.16 47.34 44.97 11.25 41.69 49.36 47.35 44.07 51.31 49.63 11.24 11.22 46.33 53.21 51.80

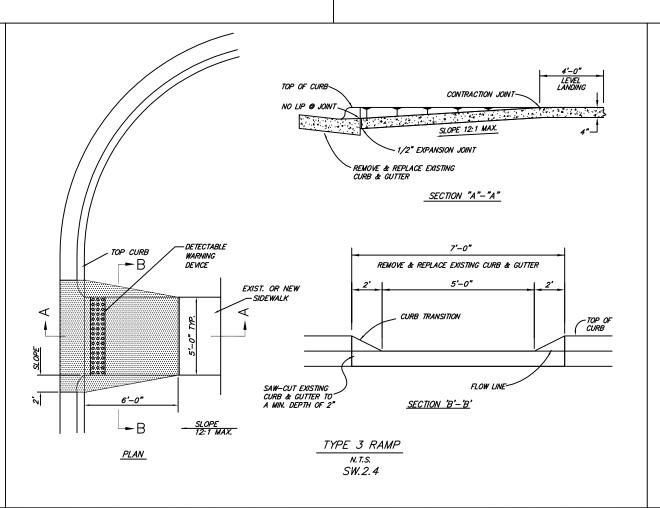
NOTE: HATCHED AREA "A" DENOTES CONCRETE REQ'D FOR ONE TYPE 1 RAMP (SQUARE YARDS)

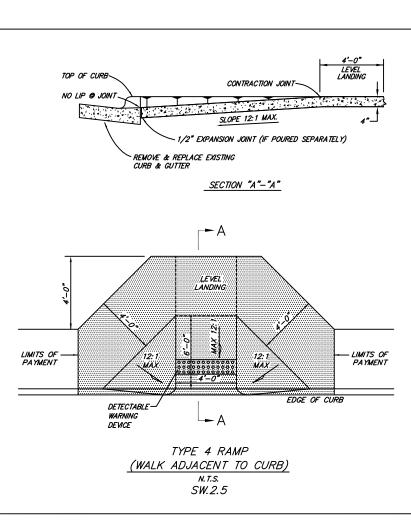


TYPE 1 RAMP (WALK ADJACENT TO CURB) N.T.S. SW.2.2

SIDEWALK * DEPENDING ON WIDTH OF GRASS RERM AND LOCATION OF SIDEWALK A 12:1 CONCRETE TRANSITION MAY BE USED BETWEEN LANDING AND RAMP IN LIEU OF GRASS. GRASS . BERM 2' CURB — TRANSITION (TYP) MAX 12:1 SEE DETAIL SW.2.7 (TYP) SIDEWALK DETECTABLE 00000000000 DEVICES 00000000000 2' CURB — TRANSITION (TYP)

> TYPE 2 RAMP (WALK OFFSET FROM CURB) (LANDING REQUIRED) N. T.S. SW.2.3





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3. 1/2" EXPANSION JOINT SHALL BE PLACED AT COLD JOINTS, AT BEGINNING AND END OF RETURN, AND AT MAXIMUM OF 100' INTERVALS. 4. CONTRACTION JOINTS SHALL BE CUT AT INTERVALS MATCHING THE SIDEWALK WIDTH WITH A MAXIMUM SPACING OF 6'. CONTRACTION JOINTS IN RAMP AREAS SHALL BE AT 5' MAX. SPACING. DEPTH OF JOINTS SHALL BE FOLULI TO 1'd. BE EQUAL TO T/4. 5. TYPE OF HANDICAP RAMP IDENTIFIED FOR EACH SITE MAY REQUIRE MODIFICATION TO FIT EXISTING FIELD CONDITIONS, DIMENSIONS, LOCATIONS, AND ORIENTATION OF RAMPS WILL VARY IN ORDER TO AVOID EXISTING OBSTACLES AND/OR TO OBTAIN REQUIRED GRADE FOR RAMP, CONTRACTOR TO INSTALL RAMPS AS DIRECTED IN THE FIELD BY THE ENGINEER.

N.T.S. SW.2.1

RAMPS HANDICAP Drawings Standard ಶ

Public

SIDEWALK

ORT SMITH Department enue, Room 409 kansas 72901 Fax (479)784-D CITY OF Ingineering

FORT

Scale: Drawn By: Dwg. No.: